

REMARKS

Claims 1, 10, and 20-25 are pending. Claims 1, 10, 20, and 21 are amended for clarity. Claims 2-9 and 11-19 are canceled. Claims 22-25 are added. No new subject matter is entered.

I. Claims 1, 10, 20, and 21 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Steudle (U.S. Patent Application Publication No. 2002/0006119) in view of Virtanen (U.S. Patent Application Publication No. 2001/0008521), and further in view of Vayanos (U.S. Patent Application Publication No. 2003/0026235).

Claim 1 recites among other elements: “choosing a compressed mode configuration from a set of reference compressed mode configurations, ... compressed mode parameters are determined so that, for each reference configuration, one of: if the transmission gap pattern length TGPL is a multiple of 6, the transmission gap length TGL is equal to 14, and if the transmission gap pattern length TGPL is not a multiple of 6, a transmission gap pattern comprises a plurality of transmission gaps.”

Steudle

Steudle teaches selecting the manner of generating a measurement gap from several different alternatives. (Paragraph 13). The measurement gaps in different time-slots are generated with different gap generation methods. (Paragraph 14; *see also* paragraphs 41-44 and Abstract). Therefore, Steudle teaches selecting a gap generation method.

Virtanen

Despite Applicants’ objections, the Examiner still impermissibly cites to two different embodiments of Virtanen to support the rejection without providing requisite motivation. It is settled that the different embodiments of the same reference cannot be combined to support the rejection without requisite motivation. Thus, the rejection is improper at least for this reason.

Virtanen describes repeating a certain transmission period with three gaps. (First embodiment, paragraph 53; Fig. 3). In second embodiment, there are two transmission gaps within a transmission period. The longer transmission gap is overlapping two frames. (Paragraph 54; Fig. 4).

Vayanos

The Examiner concedes that a combination of Steudle and Virtanen does not disclose “choosing a compressed mode configuration from a set of reference compressed mode configurations.”

Vayanos describes scheduling the compressed frames based on three different schemes: (1) they are non-overlapping at their frame boundaries, (2) the compressed frames overlap but the compressed transmissions do not, and/or (3) the compressed frames are interlaced. For each terminal in compressed mode, the scheduling and the corresponding transmission gap pattern sequence parameters are typically determined once. The parameter values are provided to the terminal where they are used to derive the timing and configuration of the compressed mode transmission. (Paragraph 15).

For each terminal in compressed mode, the transmission gap pattern sequence parameters are determined based on the schedule. (Fig. 8, step 818).

However, in these cited portions, Vayanos does not discuss “choosing a compressed mode configuration from a set of reference compressed mode configurations,” as claimed.

Additionally, claim 1 recites “compressed mode parameters are determined so that, for each reference configuration, one of: if the transmission gap pattern length TGPL is a multiple of 6, the transmission gap length TGL is equal to 14, and if the transmission gap pattern length TGPL is not a multiple of 6, a transmission gap pattern comprises a plurality of transmission gaps.” None of the cited references teaches or suggests these features of claim 1.

Accordingly, Applicants respectfully submit that neither Steudle, Virtanen, nor Vayanos, taken singularly or in combination, teaches or suggests at least “choosing a compressed mode configuration from a set of reference compressed mode configurations,... compressed mode parameters are determined so that, for each reference configuration, one of: if the transmission gap pattern length TGPL is a multiple of 6, the transmission gap length TGL is equal to 14, and if the transmission gap pattern length TGPL is not a multiple of 6, a transmission gap pattern comprises a plurality of transmission gaps.”

It is, therefore, respectfully submitted that **claim 1 and dependent claim 20** distinguish patentably and unobviously over Steudle, Virtanen, and Vayanos.

Claim 10 recites features similar to, although not necessarily coextensive with, the features argued above with respect to claim 1. Therefore, arguments presented with respect to claim 1 apply with equal force here. For at least substantially analogous exemplary reasons, therefore, **claim 10 and dependent claim 21** distinguish patentably and unobviously over Steudle, Virtanen, and Vayanos, taken singularly or in combination.

II. New Claims

Applicants add new **claims 22-25** to claim additional features of the invention which are not discussed by the cited prior art. No new subject matter has been added.

CONCLUSION

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

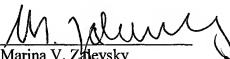
Respectfully submitted,

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

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CUSTOMER NUMBER


Marina V. Zajtzevsky
Registration No. 53,825

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